THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI S. REGUPATHY): (a) to (d) As per the information received from the State Government, no decision has been taken to allow a license scheme for the hunting of wild animals. However, Rule 11 to 31 of the Madhya Pradesh Wildlife (Protection) Rules, 1974, already provides for a regulation system for hunting of wild animals that are dangerous to human life or to property.

World Lake Conference at Jaipur

1842. SHRI SYED AZEEZ PASHA: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that Government is adopting the Jaipur declaration, the 12th World Lake Conference held at Jaipur during 29th October—2nd November, 2007; and

(b) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI NAMO NARAIN MEENA): (a) and (b) During the 12th World Lake Conference (Taal 2007), organized under the aegis of International Lake Environment Committee (ILEC) Foundation and hosted by the Ministry of Environment and Forests, Government of India, at Jaipur (Rajasthan) from 28th October to 2nd November, 2007, a ***Jaipur Declaration*** was adopted at the valedictory session of the Conference. The declaration recognized the importance of lakes and wetlands for the goods and services they provide and expressed concern over the deteriorating state of these water bodies globally. It called upon the Governments and international organizations to take measures for dvelopment of water quality standards, appropriate research methodologies, guidelines, treatment technologies, etc. in respect of lakes and wetlands and promote their restoration and management through various measures. It also emphasized the need for strong institutional and financial mechanism for regional and international cooperation in the area of lakes and wetlands management.

Pending water schemes of Chhattisgarh

†1843. SHRI SHREEGOPAL VYAS: Will the PRIME MINISTER be pleased to state:

(a) the names of water schemes of Chhattisgarh State lying pending for want of approval in principle and since when these schemes are pending;

(b) whether there are any obstacles in the implementation of these schemes; and

(c) the details of approval of the scheme?

THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI NAMO NARAIN MEENA): (a) No, Sir.

(b) and (c) Do not arise.

Conservation of medicinal plants

1844. SHRI KAMAL AKHTAR: Will the PRIME MINISTER be pleasd to state:

(a) the details of the programme run by his Ministry for Conservation of medicinal plants in the country;

(b) the amount spent on conservation of medicinal plants in the country since last three years, State-wise, year-wise and project-wise; and

(c) the budget allocated to his Ministry for conservation of medicinal plants in the country during the Eleventh Five Year Plan?

† Original notice of the question was received in Hindi

THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI NAMO NARAIN MEENA): (a) The Ministry of Environment and Forests has taken a number of steps for conservation and protection of medicinal plants, which *inter-alia* include, the following:

(i) Operationalizing the United Nations Development Programme (UNDP) Project entitled 'National Programme on Promoting Conservation of Medicinal Plants and Traditional Knowledge for Enhancing Health and Livelihood Security' which is to be implemented in nine States, namely, Karnataka, Kerala, Tamil Nadu, Maharashtra, Andhra Pradesh, Rajasthan, Orissa, West Bengal and Madhya Pradesh. The project is being coordinated by Foundation for Revitalization of Local Health Traditions (FRLHT), Bangalore.

(ii) Recognizing and supporting a Centre of Excellence on 'Medicinal Plants and Traditional Knowledge' at FRLHT, Bangalore in October, 2002.

(iii) Implementing the National Afforestation Programme (NAP) Scheme which include models such as 'Mixed Plantation of Trees having Minor Forest Produce and Medicinal Value' and 'Regeneration of Perennial Herbs and Shrubs of Medicinal Value' that relate to promotion of medicinal plants through afforestation and regeneration.

(iv) Conserving and protecting medicinal plants through enforcement of the Indian Forest Act, 1927; Wildlife (Protection) Act, 1972; Forest (Conservation) Act, 1980; Environment (Protection) Act, 1986; Biological Diversity Act, 2002 and the rules under these Acts.

(v) Under the scheme of Development of National Parks and Sanctuaries financial assistance is also provided to States for protection of Wildlife which also includes medicinal plants.

In addition to Ministry of Environment and Forests other Ministries are also undertaking steps for conservation and promotion of medicinal plants.

(i) Medicinal Plants Board has been set up under Development of Ayurveda, Yoga and Naturopathy, Unani, Siddha and Homoeopathy (AYUSH) *vide* Resolution notified on 24th November, 2000. The objectives of establishing the Board is to establish an agency which would be responsible for co-ordination of all matters relating to medicinal plants, including drawing up policies and strategies for conservation, proper harvesting, cost-effective cultivation, research and development, processing marketing of raw material in order to protect sustain and develop this sector. The Board has been implementing schemes for various promotional activities including survey, inventorisation, documentation in/ex-situ conservation, extension activities for increasing awareness, training of growers and collectors, research and development etc. in the field of medicinal plants.

(ii) Department of Science and Technology and Department of Bio-Technology also undertake measures for conservation and promotion of medicinal plants.

(b) Under the NAP scheme, during the last 3 years (2004-05 to 2006-07), a total sum of Rs. 773.87 crores was released to ongoing Forest Development Agencies in different States, for afforestation activities including promotion of medicinal plants among other things. The State-wise details of funds released is given in enclosed Statement-I (*See* below).

The details of projects sanctioned by the National Medicinal Plants Board to government and non-government organizations during the last three years 2004-05, 2005-06 and 2006-07 is given in the enclosed Statement-II. (*See* below).

(c) Under the NAP Scheme a tentative allocation of Rs. 2000 crores has been proposed for the 11th Five Year Plan which also includes plantation models relating to medicinal plants.

An allocation of Rs. 5 crores has been proposed for Centre of Excellence on Medicinal Plants and Traditional Knowledge at FRLHT, Bangalore during the 11th Five Year Plan.

Under the National Medicinal Plants Board, an allocation of Rs. 360.07 crores is proposed for 11th Five Year Plan for programmes under existing Centre Sector Schemes, which also include conservation of medicinal plants.

Statement-I

State-wise details under National Afforestation Programme Scheme (NAP) for the last three years (2004-05 to 2006-07)

Sl. No.	State	Number of FDA	Number of JFMCs	Total Area (in Ha.)	Amount Released (Rs. in crore)
1.	Andhra Pradesh	8	461	10470	32.35
2.	Chhattisgarh	6	156	5025	48.18
3.	Gujarat	9	430	9930	38.34
4.	Haryana	3	187	2050	21.01
5.	Himachal Pradesh	11	389	7474	31.24
6.	Jammu & Kashmir	0	0	0	14.67
7.	Karnataka	10	232	7440	67.74
8.	Madhya Pradesh	21	614	17870	45.62
9.	Maharashtra	12	297	11780	43.74
10.	Orissa	12	482	8338	37.38
11.	Punjab	6	292	4285	7.47
12.	Rajasthan	20	284	7590	17.68
13.	Tamil Nadu	7	278	8790	52.20
14.	Uttar Pradesh	4	90	3017	47.08
15.	Uttarakhand	18	622	16011	35.16
16.	Goa	0	0	0	0.00
17.	Jharkhand	11	386	8750	35.54
18.	Bihar	5	151	4565	11.10
19.	Kerala	11	138	3760	18.78
20.	West Bengal	4	244	4100	18.95
	TOTAL (Other States):	178	5733	141245	624.24
21.	Arunachal Pradesh	6	77	1940	6.58
22.	Assam	12	183	7290	27.09
23.	Manipur	3	66	1100	19.51
24.	Nagaland	2	53	0	18.19
25.	Sikkim	0	0	0	17.58
26.	Tripura	4	45	2200	13.27
27.	Mizoram	2	30	0	34.35
28.	Meghalaya	7	73	7400	13.07
	TOTAL (NE States):	36	527	19930	149.63
	G. TOTAL:	214	6260	161175	773.87

Statement-II

Details of projects sanctioned by NMPB to Government and non-Government organisation during last three years

National Medicinal Plants Board

Department of AYUSH

State/Year-wise Projects sanctioned on Conservation of Medicinal Plants under Promotional Scheme during 2004-05 to 2006-07-Government Organizations

Sl. No.	State/UT	Title of the Project	Name & Address of the Organizations	Amount sanctioned (Rs. in lacs)	Activities
1	2	3	4	5	6
2004-05					
1.	Gujarat	Submission of project for financial assistance Government Vanausudhi Udhyyan	Dr. A.P. Singh, IFS Director, ISM&H, Block No. 1, 2nd Floor, Dr. Jivraj Mehta Bhawan, Gandhinagar	20	Conservation project in 12 ha. of 20 spp-
2.	J & K	Raising of quality planting material and in-situ, conservation of MPs	Sh. Jagjit Singh Ishar, SFO, Leh Forest Division Fort Road Leh-Ladakh	20	Conservation project in 12 ha. of land Ex-situ conservation 4 ha. of land of Spp.-Aconitum, Heeng, Inula, Salampunja etc.
3.	Orissa	In-situ and Ex-situ Conservation for restricted sustainable harvest.	DFO, Forest Development Agency, Ghumsur North Division, At/Po-Bhanjanagar, Dt. Ganjam-761126	20	Conservation project in 200 ha.
4.	Tamil Nadu	Conservation of Medicinal Plants in the Reserved Forest of T.N.	DFO/Wildlife Warden, Tamil Nadu Forest Department O/o PCCF0, No. 1, Jeenis Road, Panagal Building, Saidapet, Chennai-600015	30	Conservation project in 2500 ha. of land to form 12 MPCAs
5.	U.P.	Medicinal Plants-Pomotional Activity	Sh. A.B. Singh, DFO, South Kheri Forest Division, Lakhimpur-Kheri-262701	10	Conservation project in 55 ha. of land
2005-06					
6.	Andhra Pradesh	Central Scheme for conservation and cultivation of medicinal plants in TTD Areas	Shri V.V. Hari Prasad, DFO, Tirumala Tirupati Devasthanams, Tirupati	30	Conservation project in 3500 ha. of land & Ex-situ cultivation in 10 ha. of land

7.	Arunachal Pradesh	Ex-situ conservation, production & extension	Shri C. Muralidhar Rao, Chairman, Forest Development Agency, Deomali, Dt.Tirap-786629	20	Conservation project in 50 ha. of land, ex-situ 30 ha. of land nursery in 2 ha. of land & 2 lacs QPM
8.	Arunachal Pradesh	Project for promotion of medicinal plants through FDA, Khonsa	Sh. C. Muralidhar Rao, Chairman, Forest Development Agency, Khonsa, Dt. Tirap-786629	20	Ex-situ conservation project in 30 ha. of land & in-situ conservation in 10 ha. of land & 2 lacs QPM
9.	Arunachal Pradesh	A project for mass production of propagules/in-situ conservation and creation of awareness NAMPONG	Sh. C. Muralidhar Rao, Chairman, Forest Development Agency, Nampong, Dt. Changlong-786629	20	Ex-situ conservation project in 10 ha. of land & In-situ conservation in 10 ha. of land, raising 2 lacs QPM; QPM project.
10.	Himachal Pradesh	Development, Conservation & awareness of medicinal plants in Kaza Wild Life Forest Range	Director, Pin Valley National Park, Kaza district Lahaul & Spiti	10	Conservation project in 40 ha. of land of spp. Salampunja, Bankakri, Kuth, Kutki Atees etc.
11.	Himachal Pradesh	In-situ conservation & awareness of medicinal plants on Tabo Forest Range	Divisional Forest Officer, Spiti Forest Division, Kaza, District Lahaul & Spiti	10	Conservation project in 40 ha. of land of spp. Amebia, Kuth, Kutki, Talipatram etc.
12.	Himachal Pradesh	Conservation and development of medicinal plants in Dharampur Range.	Sh. C.S. Singh, Chairperson, Forest Development Agency, Joginder Nagar, Distt. Mandi, Himachal Pradesh	15	Conservation project in 1.20 ha. of land and raised 1.16 lacs QPM
13.	Karnataka	In-situ conservation & Ex-situ cultivation selected medicinal plants & endangered in Mysore dt. Karnataka	Sri Srinivasulu, Duputy Conservator of Forests, Karnataka Forest Department, Mysore (T) Forest Division, Mysore District, Karnataka	30	Conservation project in 613 ha. of land & ex-situ conservation in 8 ha. of land
14.	Karnataka	In-situ conservation and Ex-situ cultivation of selected medicinal plants and endangered species in Madhugiri Taluk, Tumkur Dt.	Sri. G.N. Sreekantaiah, IFS, Deputy Conservator of Forests, Tumkur (T) Division, Tumkur Dt.-572 105	30	Conservation project in 4400 ha. of land of Ex-situ cultivation 2400 ha. of land of 16 spp.-Amla, Bael, Chandan, Ashwagandha, Gudmar, Tulsi, Viavidang etc.
15.	Mizorum	Conservation and Development of medicinal plants and provision for marketing Infra-structure with capacity building of the rural tribal people	Member Secretary-cum. CEO, N. Vanlaiphai Forest Development Agency. P.O.N. Vanlaipai, Dt.-Serchhip, Mizoram	15	Conservation project in 50 ha. of land, nursery development in 6 ha. to produce 5 lacs QPM
16.	Orissa	Medicinal plants Conservation & Development in Si gharaj R.F. Area adjoining Mahendragiri Hills	D.F.O.-cum-CEO. N. Vanlaiphai Forest Development Agency, Berhampur Division, Dt. Ganjam.	30	Conservation project in 500 ha. of land & cultivation in 20 ha. of land to produce 10 lacs QPM of 72 spp.

1	2	3	4	5	6
17.	Tripura	Conservation and development of medicinal plants resources of Tripura	Sh. P. Biswas, CEO & Member Secretary, Medicinal Plants Board of Tripura, Van Gaveshana Sadan, Gandhigram, Agartala-799 012	25	Conservation in 250 ha. of land of 30 spp.-Harar, Behera, Amla, Arjun etc.
18	Tripura	Conservation and development of medicinal plants resources of Tripura	CEO & Member Secretary, Medicinal Plants Board of Tripura, Van Gaveshana Sadan, Gandhigram, Agartala-12	24	Conservation in 100 ha. of land & nursery in 2 ha. of land of proposed spp.
2006-07					
19.	Arunachal Pradesh	Mass Production of Propagules/in-situ conservation and creation and creation of awareness.	Director, State Forest Research Institute, Van Vihar, Chimpu, Itanagar-791 111	20	In-situ Conservation in 50 ha. & Ex-situ Cultivation in 20 ha. & Training/Awareness-5 camps of 200 persons each
20.	Assam	Development of medicinal plants Conservation Areas (MPCA) Network in Assam	Chief Conservator of Forests, Assam, Research Education & Working Plans, Prasant Path, RG Baruah Road, Guwahati-24	30	Conservation project in 100 ha. of land
21	Gujarat	Establishment of medcinal plants conservation Area.(MPCAs) in ...in Kachchh saline region	Sh. R.L. Meena, Conservator of Forests, Kachchh Circle, Distt. Hospital Road, Bhuj-370 001	30	Conservation in 250 ha. of land
22	Gujarat	Establishment of medcinal plants conservation Area (MPCAs) in ....in South Gujarat (Valsad Circle) Kachchh saline region	Conservator of Forest, Gujarat State Forest Department, O/o of the PCCF, 14th Block, Old Sachivalaya, Gujarat	30	Conservation in 60 ha. of land
23.	Gujarat	Establishment of MPCAs in indigenous medicinal plants hotspots, identification of Candidate Plus Trees (CPTs) & seeds stands....in Panchmahal Dist.	Conservator of Forests, Vadodra Circle, Kothi Annexe Building, Vadodra-389 001 (Gujarat)	18	Conservation in 50 ha. of land training on harvesting, value addition etc. Spp.-Sterenmila urens. Marorphali, Balanilis, Holoptela intemifola etc.
24	Jharkhand	Harvesting of mps and augmentation of Resources in Jharkhand with emphasis on conservation in protected areas & sustainable harvest in 5 representative divisions	Chief Conservator of Forests (Development), Department of Forest & Environment, Nepal House, Doranda, Ranchi-834 002	25	Development of MPCA of 1000 ha. 5 MPCA in 200 ha. each
25	Karnataka	Conservation & propagation of care/endangered/ threatened medicinal plants in Hirekalgudda State Forest of Arasikere Range	Dy. Conservator of Forest, Karnataka Forest Department, Hassan Forest Division, Hassan-573 201, Karnataka	30	Conservation project in 6000 ha. of land of 17 proposed spp.

26.	Mizoram	Establishment of Medicinal Plants Conservation Areas (MPCA) in Mizoram	Chief Conservator of Forests, Environment & Forest Department, EFIO Complex, Tuikhuahtlang, Aizwal	29	Conservation project in 500 ha. of land in 5 forest Division *i.e.* Thenzwal, Lunglei, Kawrthah, Darlawn, N. Vanlaiphai
27	Mizoram	Cultivation & conservation of medicinal & aromatic plants at Ailawng in Mizoram	Chief Executive Officer, Forest Development Agency, Aizawl Forest Division, Aizawl	24	Conservation in 40 ha. Of land & nursery in 2 ha. Of land to raise 2 lacs QPM of tree spp.-Schima wallichai, Jamun, Maidalakri, Amla, Haidu etc.
28.	Nagaland	Conservation & sustainable use of medicinal plants and augmentation of resources incl. development of marketing network in Nagaland	Principal Cheif Conservator of Forests, Old Ministers Hills, Kohima- 797 001	30	Land - 100 ha. for Dev. Of MPCA incl. Land preparation, nursery & planting material, Planting, weeding, maintenance etc.
29	Nagaland	Conservation & sustainable use of medicinal plants and augmentation of resources of resources including development of marketing network in Nagaland State	Conservator of Forests, (Research, Planning & Utilization), Dimapur Nagaland-797 112	30	Area- 60 ha. in 6 locations of 32 proposed spp. In-situ conservation thro MPCAs supply of Planting material thro nursery & seed centres Supply of mps raw material from the wit, development of marketing network
30	Tripura	Establishment of medicinal plants conservation areas in Tripura	CEO, Medicinal Plants Board of Tripura, Forest Research Complex, Gandhigram Agartala-799 012	30	Area-100 ha. Of for Conservation